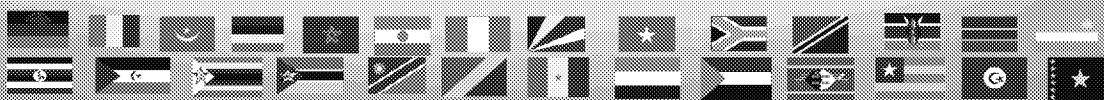


Update on EPA's Sub-Saharan Africa Program

Briefing for Acting AA Jane Nishida
January 15, 2015

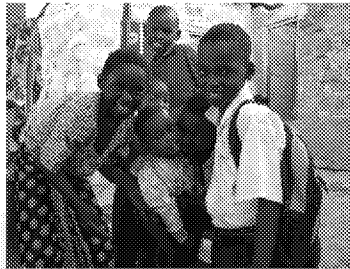


Agenda

- Overview of EPA's Sub-Saharan Africa Program
- Water Projects/Activities
 - West Africa Urban Drinking Water
 - Water Safety Plans (WSPs)
 - Community-based Water Quality Monitoring
 - Great Lakes to Great Lakes Meeting
- Air Quality Megacities Pilot
- Governance Projects/Activities
 - Fuels and Vehicles Toolkit Pilot in East Africa
 - Environmental Prosecutors' Course
- E-waste Person-in-the- Port
- Discussion

Africa Program: Overall Focus

- Address urban and industrial pollution issues as they impact people's health, particularly vulnerable populations such as children and the poor.



West Africa Urban Drinking Water

- Overview
- Elements
- Status

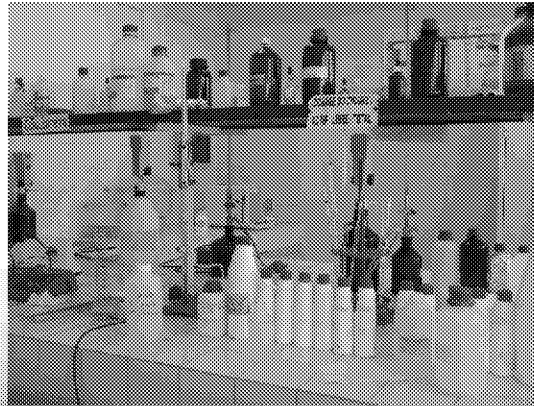


Overview

- Agreement with USAID West Africa to work on urban drinking water quality capacity-building in Ghana and Burkina Faso
 - Under larger USAID WA-WASH Program
 - \$2.5 million over five years
 - Goal is to build capacity in one Anglophone and one Francophone country
 - A regional organization will then upscale the approaches across West Africa

Elements

- Regulatory Development
- Public Participation
- Laboratory Capacity-Building

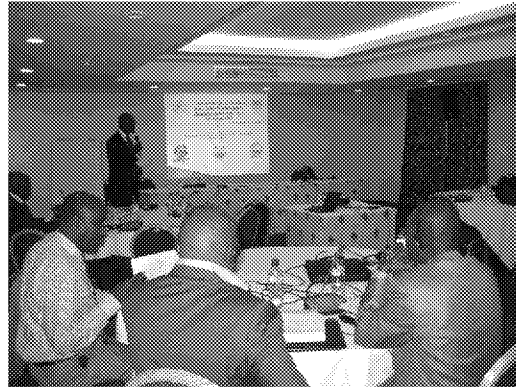


Status

- In August finalized interagency agreement with first tranche of funding
 - \$750,000 for first 18 months
 - Funding issue resolved
- Challenges with
 - Getting regional partner on board: African Water Association
 - Ebola Crisis
- USAID now willing to consider interim approach to initiate program; possibly IWA
- Call with USAID next week

Water Safety Planning

- WSP Overview
- Four Program Components
 - Water Operator Partnerships
 - Africa Water Safety Plan Network
 - WSP Training
 - Africa Water Safety Online Portal
- Aquaya Monitoring for Safe Water Project Update



WSP Program Overview

- WSPs Defined
 - WHO developed
 - Health risk-based approach
 - Target capital investments
- Key Partner
 - International Water Association



Overview: Expected Program Outcomes

- Large-scale WSP implementation across the region
- Long-term and sustained improvements in the management of drinking-water supplies and in drinking water quality
- Local leadership and ownership of WSP capacity building program.
- Region wide commitment from a significant number of stakeholders to support the necessary knowledge, expertise and financing to implement WSPs in Africa

Water Operator Partnerships

- Lake Tanganika utilities (August 2014)
 - Training: 2 staff from Kigoma/Ujili Urban Water Supply and Sewerage Authority received WSP training with other government officials and water supply staff in Mtwara, Tanzania from 3-7 November.
 - Rwanda Energy and Water split into two and we are following up with the new WASAC (Water and Sanitation Corporation)
- Lake Victoria utilities (ended July 2014)
 - All 3 have carried out and submitted a WSP implementation self-assessment with the WSP Quality Assurance Tool
 - WSP auditor recruitment process is under way.

Africa WSP Network, Training and Portal

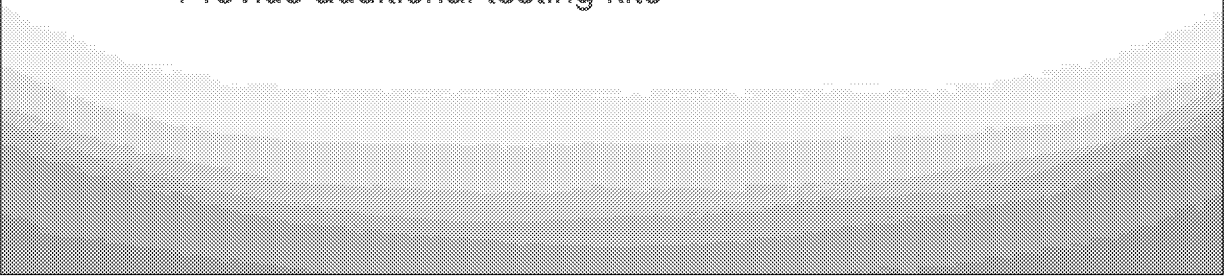
- First WSP training of trainers carried out 3-5 June 2014.
- Africa WSP Network 2014 Annual Meeting - Burkina Faso
 - Launch of West Africa WSP Program
 - Joint proposal under development to synergize water quality projects being carried out by partners in West Africa.
- From 3-7 November, 2014, a WSP training was provided to the Ministry of Water in Tanzania and staff members from other water providers (32 participants)
- The Portal will be migrated to a more consumer friendly Content Management System (CMS)

Aquaya Monitoring for Safe Water

- Why doesn't microbial water quality testing meet regulatory standards in many countries? To answer this question, Aquaya has received a grant from the Bill & Melinda Gates Foundation to identify and evaluate constraints to water testing in sub-Saharan Africa.
- Monitoring for Safe Water (MfSW) is led by Aquaya in partnership with IWA and the WHO. The program will provide resources, knowledge, and technical assistance to collaborating water suppliers and public health surveillance agencies in multiple countries. In addition, program researchers will work with collaborating institutions to study the factors influencing the scale-up of microbial water quality testing.
- 72 applications from 10 countries (39 water suppliers and 33 government health surveillance agencies)
- Written and in-person needs assessments completed.
- By October 2014, 14 institutions had finalized agreements from:
 - Kenya, Zambia, Uganda, Senegal, Guinea

Community-based Water Quality Monitoring

- With EPA support, Global Water Watch continues to work with Greenbelt Movement on the project in the Aberdare Mountains and Mount Kenya areas.
- Dr. Deutsch, GWW, planning fourth and final trip in March/April to:
 - Conduct additional workshops on bacteriological monitoring
 - Provide additional testing kits



Great Lakes to Great Lakes Meeting

- Share lessons from the trans-boundary governance approaches on lakes management
 - Concept developed by Region 5
 - State Department championed the approach and will be hosting a kick-off meeting on Lake Tanganyika
 - Issues to be discussed:
 - Trans-boundary cooperation
 - Fisheries
 - Controlling invasive species
 - Pollution Control
 - Eco-tourism

Air Quality Megacities Pilot

- Rapid air quality and source assessment and mitigation program focused on two to three selected mega-cities.
- With funding from State Dept, builds upon and packages together an existing suite of air quality management tools and international outreach efforts.
- Promote rapid adoption of proven control strategies for priority industrial and other sectors
- Targeting March for Scoping Mission to Accra, Ghana

Good Governance

- Fuels and Vehicles Toolkit Pilot Project
 - Workshops in five East Africa Community countries
 - Regional Workshop
 - Refining online Toolkit for use globally
 - EANECE involvement
- Environmental Prosecutor's Course with Kenyan NEMA
 - Targeting Sept in Arusha, Tanzania

E-waste: Person-in-Port

- Need to better understand e-waste flows
- In partnership with UN University and the Basel Convention Coordination Center for Africa and Nigerian authorities
- Place someone in a key Nigerian port for six months to get a snapshot of e-waste flows into Nigeria
- Launch Meeting to take place in Lagos early next month

Discussion

